

NOTE

CONTRACTOR SHALL REQUEST A CONSTRUCTION SET PRIOR TO BEGINNING ANY WORK ON THIS PROJECT.

DESIGN BASED ON SURVEY PROVIDED BY D.R. FREDERICK & ASSOCIATES. DATED JULY 22, 2016. CONTRACTOR SHALL VERIFY THAT THESE PLANS ARE THE MOST CURRENT AVAILABLE PRIOR TO BEGINNING CONSTRUCTION, AND SHALL NOTIFY THE ENGINEER/OWNER IMMEDIATELY IF THEY ARE NOT.

GENERAL NOTES (APPLICABLE TO ALL SHEETS):

1. WORK SHALL CONFORM TO THE REQUIREMENTS OF GOVERNING AGENCIES HAVING JURISDICTION. GRADING, PAVING, AND MATERIALS SHALL COMPLY WITH THE STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AS WELL AS PROJECT SPECIFICATIONS AND DRAWINGS. IN CASE OF DISCREPANCIES BETWEEN REQUIREMENTS, THE MOST STRINGENT SHALL APPLY.
2. DIMENSIONS SHOWN ON THESE DRAWINGS ARE TO BACK OF CURB, OUTSIDE FACE OF BUILDING FOUNDATIONS, EDGE OF PAVEMENT OR CENTER OF STRUCTURE OR SIGN UNLESS NOTED OTHERWISE.
3. NO DIMENSION MAY BE SCALED. REFER UNCLEAR ITEMS TO THE ENGINEER FOR INTERPRETATION.
4. ELECTRONIC CADD FILES ARE AVAILABLE UPON REQUEST FOR THE PURPOSE OF LAYOUT. SSOE GROUP CLAIMS NO RESPONSIBILITY WHATSOEVER FOR THE ELECTRONIC CADD FILES OR FOR INCORRECT INTERPRETATIONS ONCE TURNED OVER TO THE CONTRACTOR.
5. CONTRACTOR SHALL OBTAIN ALL NECESSARY CONSTRUCTION PERMITS AND LICENSES REQUIRED TO PERFORM ALL REQUIRED WORK. CONTRACTOR SHALL POST ALL BONDS, PAY ALL FEES (EXCEPT AS SPECIFIED IN THE PROJECT MANUAL), PROVIDE PROOF OF INSURANCE AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.

BENCHMARK DATA:

LOCAL BENCHMARK (NOT SHOWN)
PAINTED CIRCLE WITH PK NAIL ON LEFT UPSTREAM HEADWALL EAST OF US #31 ON
BRIDGE OVER CANARY DITCH SET BY IDNR
ELEVATION = 753.07 (NGVD 1929)

SITE BENCHMARK #1 (NOT SHOWN)
PK NAIL FOUND
ELEVATION = 750.95 (NGVD 1929)

SITE BENCHMARK #2
FINISHED FLOOR ELEVATION
QUIZNO'S RESTAURANT
ELEVATION = 751.49 (NGVD 1929)

(ADD 0.80 TO ALL ELEVATIONS OBTAIN NAVD 1988)

OWNER/DEVELOPER

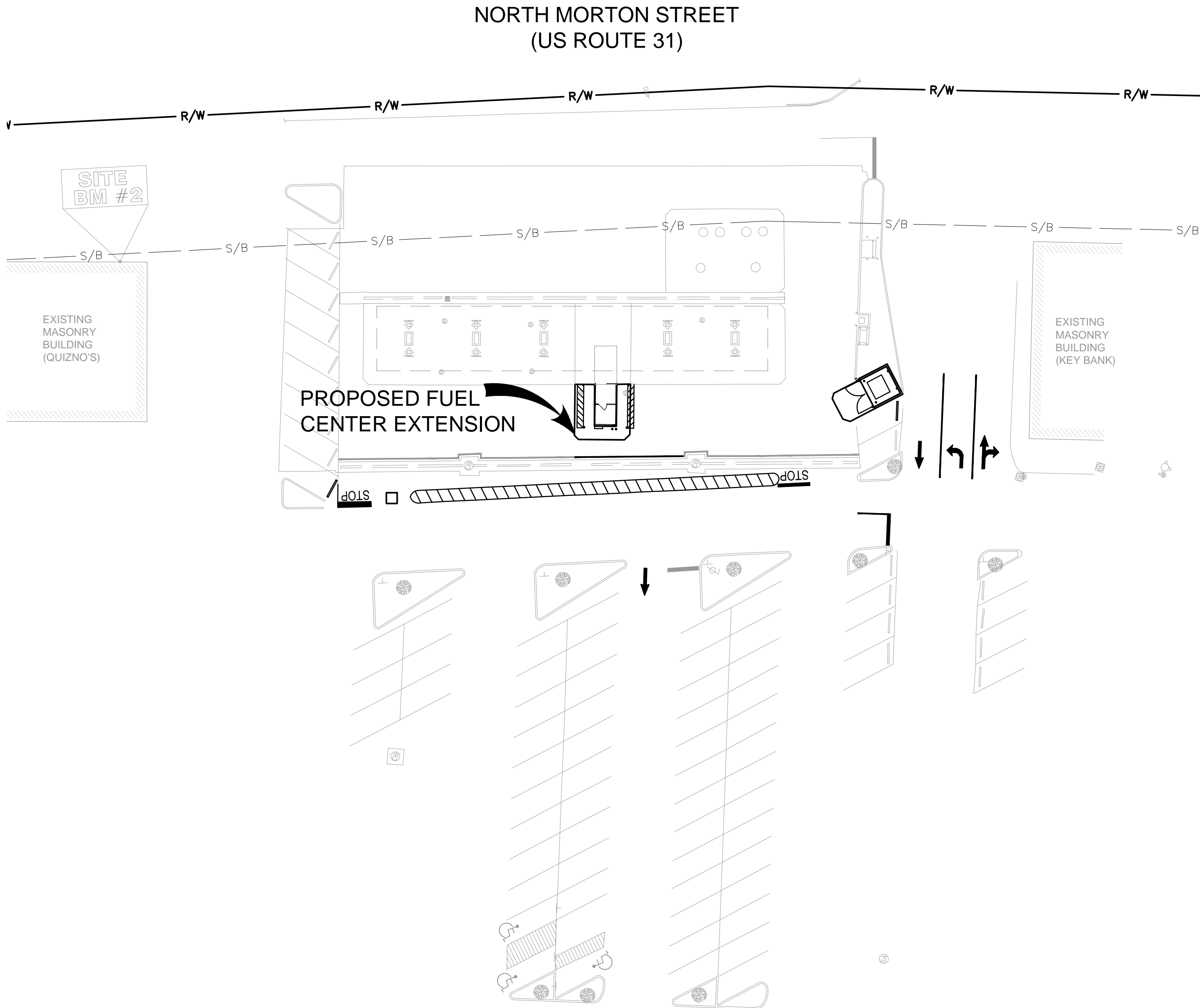
THE KROGER LIMITED PARTNERSHIP I
5960 CASTLEWAY WEST DRIVE
INDIANAPOLIS, IN 46250
CONTACT: REGGIE HENDERSON
PH: (317) 579-8008

CIVIL ENGINEER

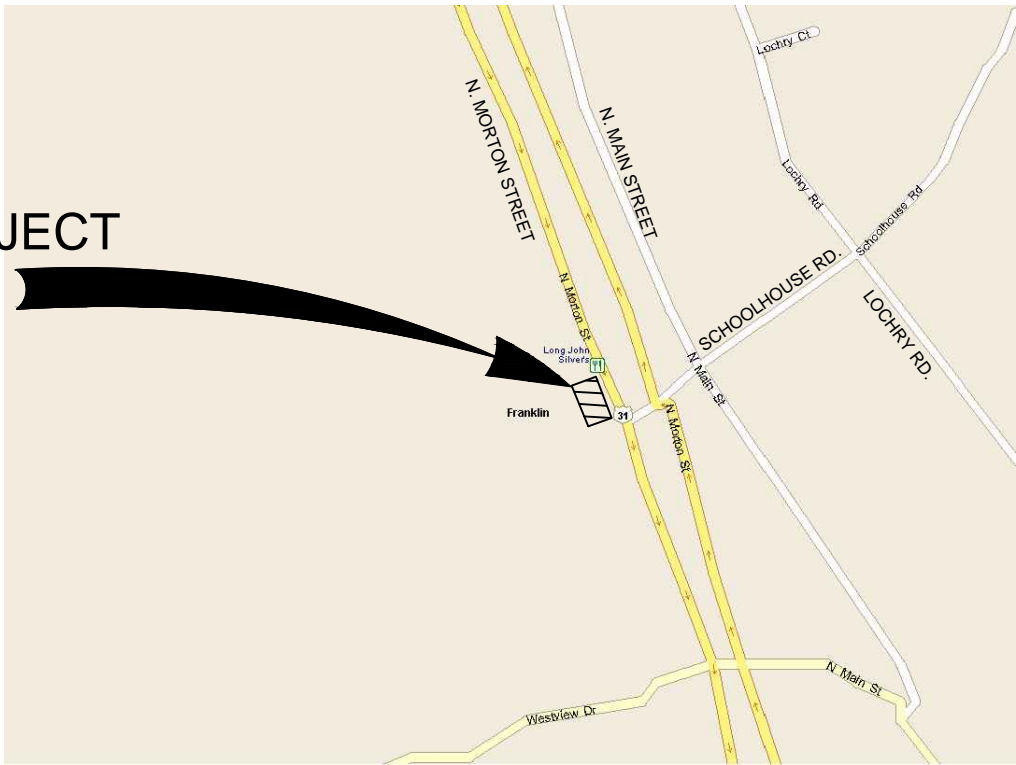
SSOE, INC.
1050 WILSHIRE DR., SUITE 260
TROY, MI 48064-1526
CONTACT: MICHELLE ALFIERI
PH: (669) 800-5946

PROPOSED FUEL CENTER EXPANSION
KROGER J956

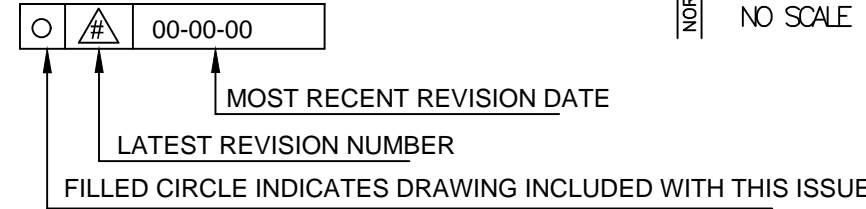
JOHNSON COUNTY
PARCEL: 41-08-10-044-002.000-009



SUBJECT
SITE



SHEET INDEX LEGEND



LOCATION MAP
NO SCALE

ISSUE/REVISION
DATE

SHEET
NO.

SHEET
NAME

GENERAL (BY SSOE)

08-05-2016 G0.1.....COVER SHEET

CIVIL (BY SSOE)

08-05-2016 CD1.....EXISTING CONDITIONS & REMOVAL PLAN
08-05-2016 C1.1.....SITE PLAN
08-05-2016 C1.3.....UTILITY PLAN
08-05-2016 C1.4.....SWPPP
08-05-2016 C5.1.....SITE SPECIFIC DETAILS

SURVEY (BY D.R. FREDERICK & ASSOCIATES)

07-22-2016 EXPANDED TOPOGRAPHIC SURVEY (FOR REFERENCE ONLY)

STANDARD LEGEND

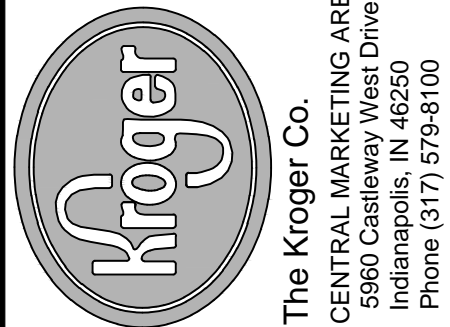
DESCRIPTION	PROPOSED	EXISTING
WATER	— W —	
SANITARY	— S —	
PROPERTY LINE	— P —	
SETBACK LINE	— S/B —	
RIGHT-OF-WAY LINE	— R/W —	
CONCRETE		
ASPHALT-HEAVY DUTY		
ASPHALT-LIGHT DUTY		
CLEAN OUT		



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SSOETM
SSOE, INC.
ARCHITECTS • ENGINEERS
TOLEDO, OHIO 43604
419.255.3830

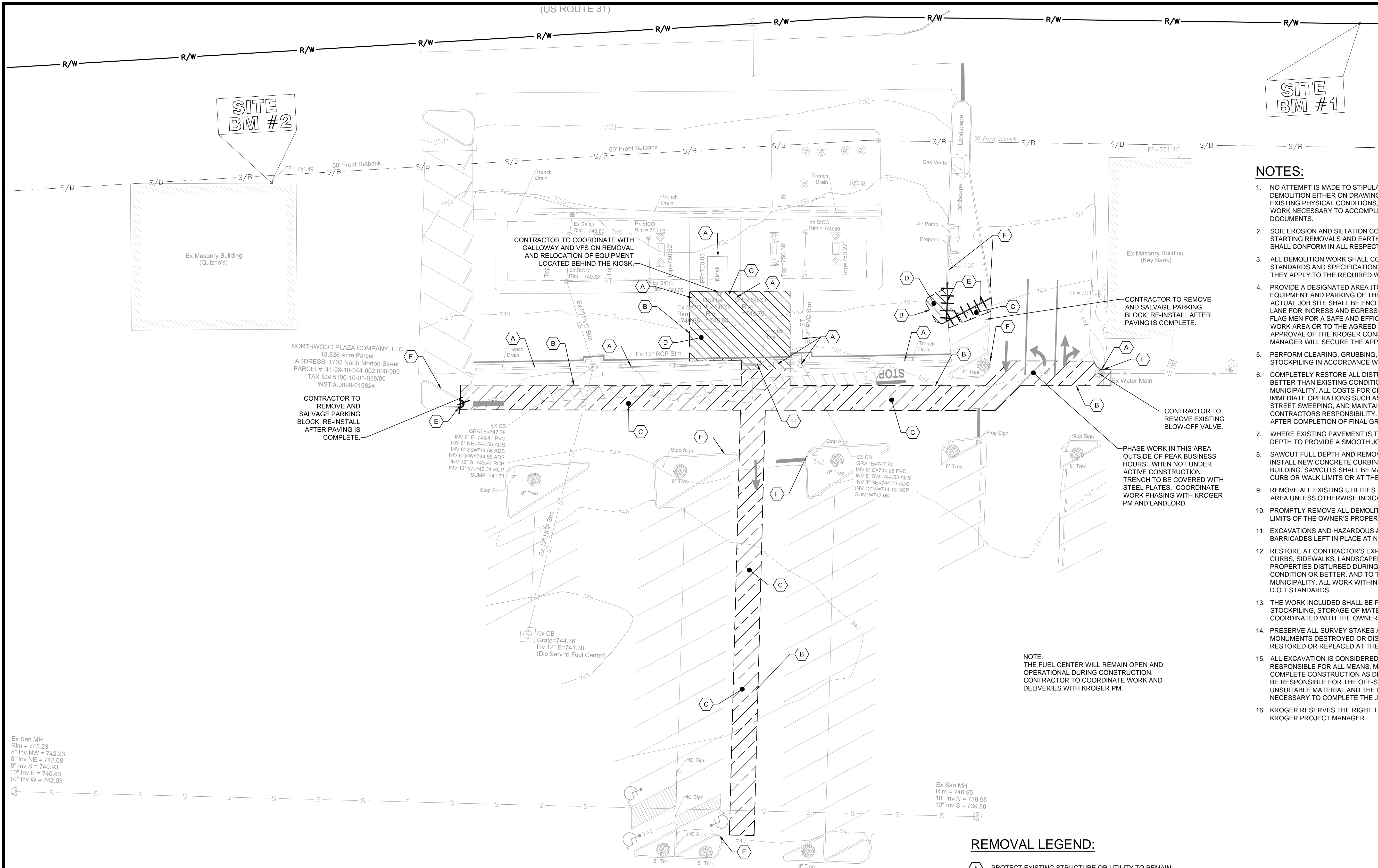


REVISIONS		DATE			
No.	DESCRIPTION				
1	SITE PLAN APPROVAL	08-05-2016			

Project No.: 016-00622-00
Project Manager: ALFIERI
Designed By: TEMEROWSKI
Drawn By: SEXTON
Checked By: HARTMAN
Store No.: J-956
Address: 1700 NORTHWOOD PLAZA
FRANKLIN, IN 46131

COVER SHEET

Drawing No.:
G0.1



NOTES:

- NO ATTEMPT IS MADE TO STIPULATE EVERY REQUIRED ITEM OF REMOVAL AND DEMOLITION EITHER ON DRAWINGS OR IN SPECIFICATIONS. VISIT THE SITE AND STUDY EXISTING PHYSICAL CONDITIONS, REVIEW DRAWINGS, AND REACH CONCLUSIONS ON WORK NECESSARY TO ACCOMPLISH INTENDED RESULTS DESCRIBED BY THE PROJECT DOCUMENTS.
- SOIL EROSION AND SILTATION CONTROL MEASURES MUST BE IN PLACE PRIOR TO STARTING REMOVALS AND EARTH MOVING OPERATIONS. THESE CONTROL MEASURES SHALL CONFORM IN ALL RESPECTS TO GOVERNING AGENCY REQUIREMENTS.
- ALL DEMOLITION WORK SHALL CONFORM TO GOVERNING AGENCY DESIGN STANDARDS AND SPECIFICATIONS. COMPLY WITH OSHA REGULATIONS INsofar AS THEY APPLY TO THE REQUIRED WORK.
- PROVIDE A DESIGNATED AREA (TO BE APPROVED BY KROGER) FOR STORAGE OF EQUIPMENT AND PARKING OF THE REQUIRED EQUIPMENT. THIS AREA AS WELL AS THE ACTUAL JOB SITE SHALL BE ENCLOSED IN CHAIN LINK FENCING. DESIGNATE A TRAFFIC LANE FOR INGRESS AND EGRESS FROM THE WORK AREA. IF REQUIRED, PROVIDE FLAG MEN FOR A SAFE AND EFFICIENT MOVEMENT OF VEHICLES. NO CHANGES TO THE WORK AREA OR TO THE AGREED TRAFFIC PATTERN SHALL BE MADE WITHOUT PRIOR APPROVAL OF THE KROGER CONSTRUCTION MANAGER. THE CONSTRUCTION MANAGER WILL SECURE THE APPROVAL FOR SUCH CHANGES.
- PERFORM CLEARING, GRUBBING, STUMP REMOVAL, TOPSOIL REMOVAL AND STOCKPILING IN ACCORDANCE WITH THE PROJECT DOCUMENTS.
- COMPLETELY RESTORE ALL DISTURBED AREAS TO A CONDITION EQUAL TO OR BETTER THAN EXISTING CONDITION AND TO THE SATISFACTION OF THE OWNER AND MUNICIPALITY. ALL COSTS FOR CLEAN-UP, RESTORATION WORK AND OTHER IMMEDIATE OPERATIONS SUCH AS, BUT NOT LIMITED TO, CONSTRUCTION SIGNAGE, STREET SWEEPING, AND MAINTAINING EXISTING UTILITIES SHALL BE THE CONTRACTORS RESPONSIBILITY. PERFORM RESTORATION WORK WITHIN 5 DAYS AFTER COMPLETION OF FINAL GRADING.
- WHERE EXISTING PAVEMENT IS TO BE PARTIALLY REMOVED, SAWCUT PAVEMENT FULL DEPTH TO PROVIDE A SMOOTH JOINT WITH PROPOSED PAVEMENT.
- SAWCUT FULL DEPTH AND REMOVE EXISTING ASPHALT PAVEMENT AS NEEDED TO INSTALL NEW CONCRETE CURBING, WALKS, UNDERGROUND UTILITIES OR NEW BUILDING. SAWCUTS SHALL BE MADE A MINIMUM OF 1' BEYOND THE ACTUAL NEW CURB OR WALK LIMITS OR AT THE EXISTING NEAREST JOINT.
- REMOVE ALL EXISTING UTILITIES PIPING SERVICE WITHIN THE DESIGNATED WORK AREA UNLESS OTHERWISE INDICATED ON THE PLANS.
- PROMPTLY REMOVE ALL DEMOLITIONS, REMOVALS, RUBBISH, AND DEBRIS FROM THE LIMITS OF THE OWNER'S PROPERTY AND DISPOSE IN A LEGAL MANNER.
- EXCAVATIONS AND HAZARDOUS AREAS SHALL BE PROTECTED BY BARRICADES. BARRICADES LEFT IN PLACE AT NIGHT SHALL BE LIGHTED.
- RESTORE AT CONTRACTOR'S EXPENSE ANY STRUCTURES, PIPE, UTILITY, PAVEMENT, CURBS, SIDEWALKS, LANDSCAPED AREAS, ETC. WITHIN THE SITE OR ADJOINING PROPERTIES DISTURBED DURING DEMOLITION OR CONSTRUCTION TO THEIR ORIGINAL CONDITION OR BETTER, AND TO THE SATISFACTION OF THE OWNER AND LOCAL MUNICIPALITY. ALL WORK WITHIN A D.O.T RIGHT-OF-WAY SHALL COMPLY WITH ALL D.O.T STANDARDS.
- THE WORK INCLUDED SHALL BE PERFORMED AS INDICATED ON THE PLANS. STOCKPILING, STORAGE OF MATERIALS AND ACCESS TO THE SITE SHALL BE COORDINATED WITH THE OWNER.
- PRESERVE ALL SURVEY STAKES AND PROPERTY LINE MONUMENTS. ANY STAKES OR MONUMENTS DESTROYED OR DISTURBED IN THE COURSE OF WORK SHALL BE CHECKED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
- ALL EXCAVATION IS CONSIDERED UNCLASSIFIED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS, METHODS, AND MATERIALS OF CONSTRUCTION TO COMPLETE CONSTRUCTION AS DESIGNED. ADDITIONALLY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE OFF-SITE DISPOSAL OF ANY AND ALL EXCESS OR UNSUITABLE MATERIAL AND THE IMPORTATION OF ANY BORROW MATERIAL NECESSARY TO COMPLETE THE JOB.
- KROGER RESERVES THE RIGHT TO SALVAGE EXISTING MATERIALS. COORDINATE WITH KROGER PROJECT MANAGER.

NOTE:
THE FUEL CENTER WILL REMAIN OPEN AND OPERATIONAL DURING CONSTRUCTION. CONTRACTOR TO COORDINATE WORK AND DELIVERIES WITH KROGER PM.

REMOVAL LEGEND:

- | | | |
|-----|--|-------|
| (A) | PROTECT EXISTING STRUCTURE OR UTILITY TO REMAIN | |
| (B) | SAWCUT LINE | ---- |
| (C) | REMOVE ASPHALT PAVEMENT | |
| (D) | REMOVE CONCRETE PAVEMENT | |
| (E) | PIPE, UTILITY, CURB, OR FENCE REMOVAL | +++++ |
| (F) | PROTECT EXISTING CURB | |
| (G) | REMOVE GUARD RAIL | |
| (H) | REMOVE CONCRETE AROUND TRENCH DRAIN. IF TRENCH DRAIN IS DAMAGED REPLACE IN KIND. | |

PRIOR TO ANY CONSTRUCTION, CONFIRM THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES.

EXISTING LEGEND:

- | | | | |
|--|--------------------------|--|---------------------------|
| | PROPERTY LINE | | PINE TREE |
| | RIGHT-OF-WAY LINE | | DECIDUOUS TREE |
| | LOT LINE | | BUSH |
| | SETBACK LIMIT | | STRAIN POLE W/ BASE |
| | EASEMENT | | TRAFFIC PULL BOX |
| | CENTERLINE | | BOLLARD (VARIABLE SIZE) |
| | EDGE OF ASPHALT | | TELEPHONE PEDESTAL |
| | CURB | | GAS METER |
| | CONCRETE | | ELECTRIC METER |
| | EXISTING BUILDING | | UNDERGROUND ELECTRIC DROP |
| | SANITARY SEWER | | PULL BOX |
| | STORM SEWER | | POWER POLE |
| | CATCH BASIN | | LIGHT POLE |
| | WATER VALVE | | SPOT ELEVATION |
| | FIRE HYDRANT | | MAILBOX |
| | WATER METER | | MONUMENT SIGN |
| | FIRE CONNECTION | | HIGHWAY SIGN |
| | SPRINKLER | | IRON PIPE FOUND |
| | IRRIGATION CONTROL VALVE | | RAILROAD SPIKE FOUND |
| | | | IRON PIN FOUND |
| | | | PK NAIL FOUND |
| | | | IRON PIN SET |
| | | | PK NAIL SET |
| | | | HUB SET |
| | | | DRILL HOLE SET |

FLOODZONE INFORMATION:

COMMUNITY PANEL:
18081C0227D DATED 8/2/2007
THE SITE IS LOCATED IN ZONE X, AREAS DETERMINED TO BE OUTSIDE THE 0.20% ANNUAL CHANCE FLOODPLAIN (NOTE: THE PREVIOUS SURVEY LISTED AN EXISTING 100 YR FLOODPLAIN ELEVATION OF 748.00, BUT NO REFERENCE INFORMATION WAS LISTED)

SURVEY DATA BY (07-22-2016)
D.R. FREDERICK & ASSOCIATES
4645 N. SUMMIT STREET
TOLEDO, OH 43611

BENCHMARKS:

LOCAL BENCHMARK (NOT SHOWN)
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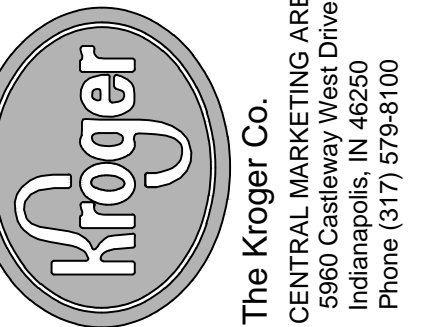
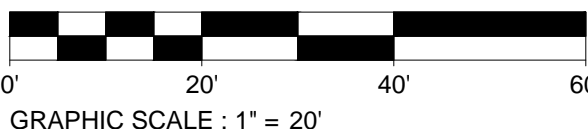
SITE BENCHMARK #1

PK NAIL FOUND
ELEVATION = 750.95 (NGVD 1929)

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FINISHED FLOOR ELEVATION
QUIZNO'S RESTAURANT
ELEVATION = 751.49 (NGVD 1929)

(ADD 0.80 TO ALL ELEVATIONS OBTAIN NAVD 1988)



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No.	DESCRIPTION	DATE			
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Project No.: 016-00622-00
Project Manager: ALFIERI
Designed By: TEMEROWSKI
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FRANKLIN, IN 46131

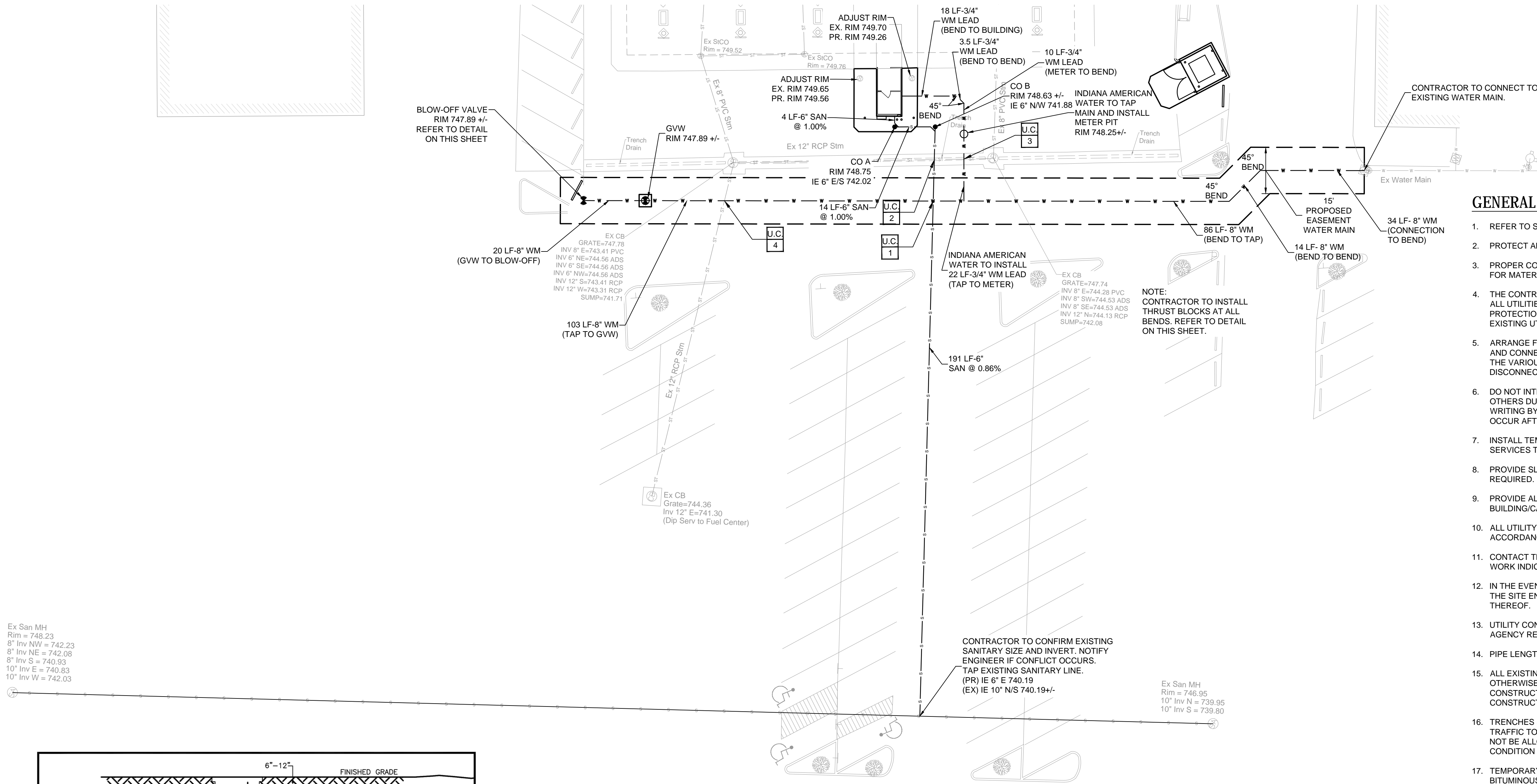
EXISTING CONDITIONS & REMOVAL PLAN

Drawing No.:

CD1

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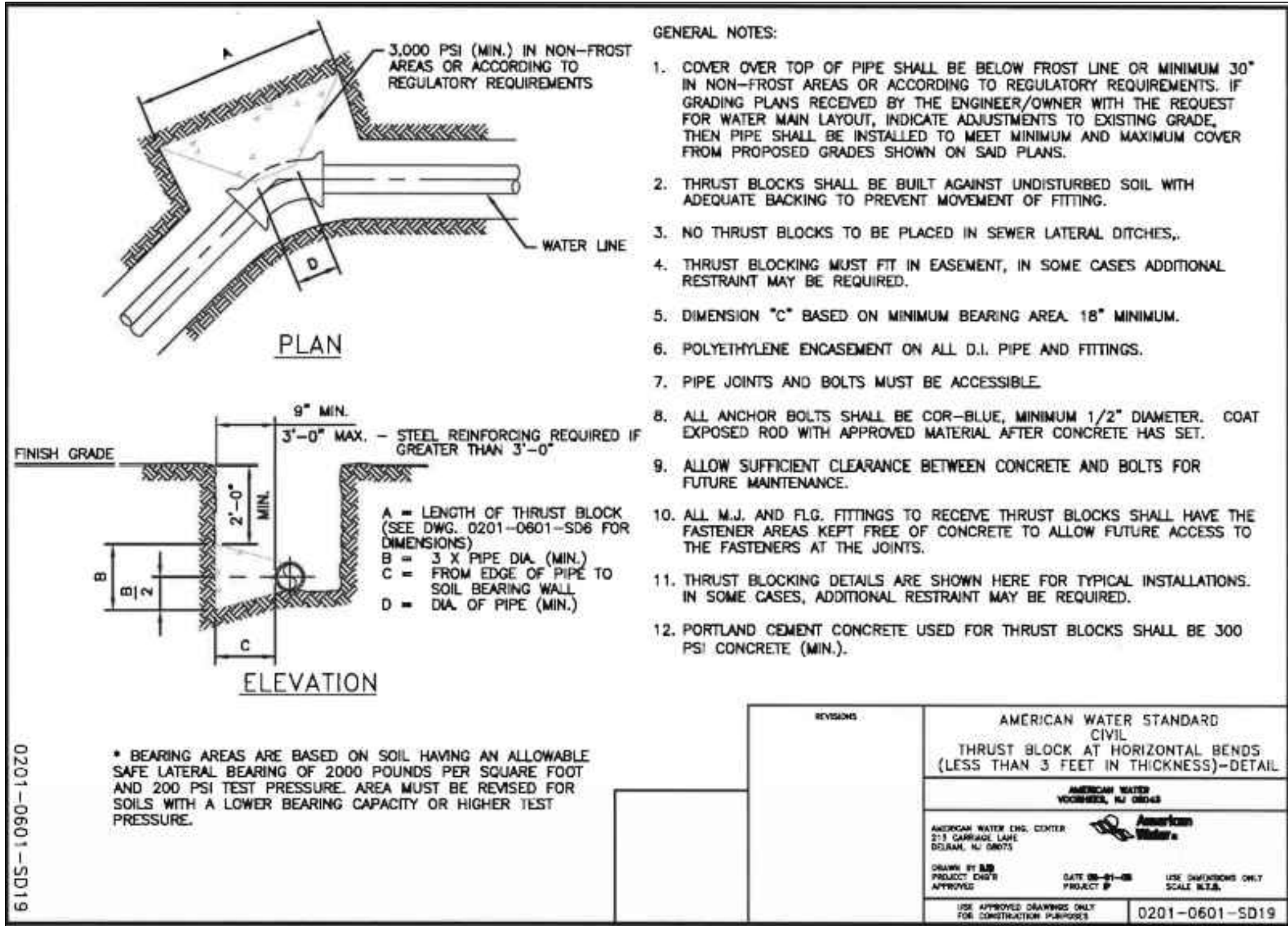
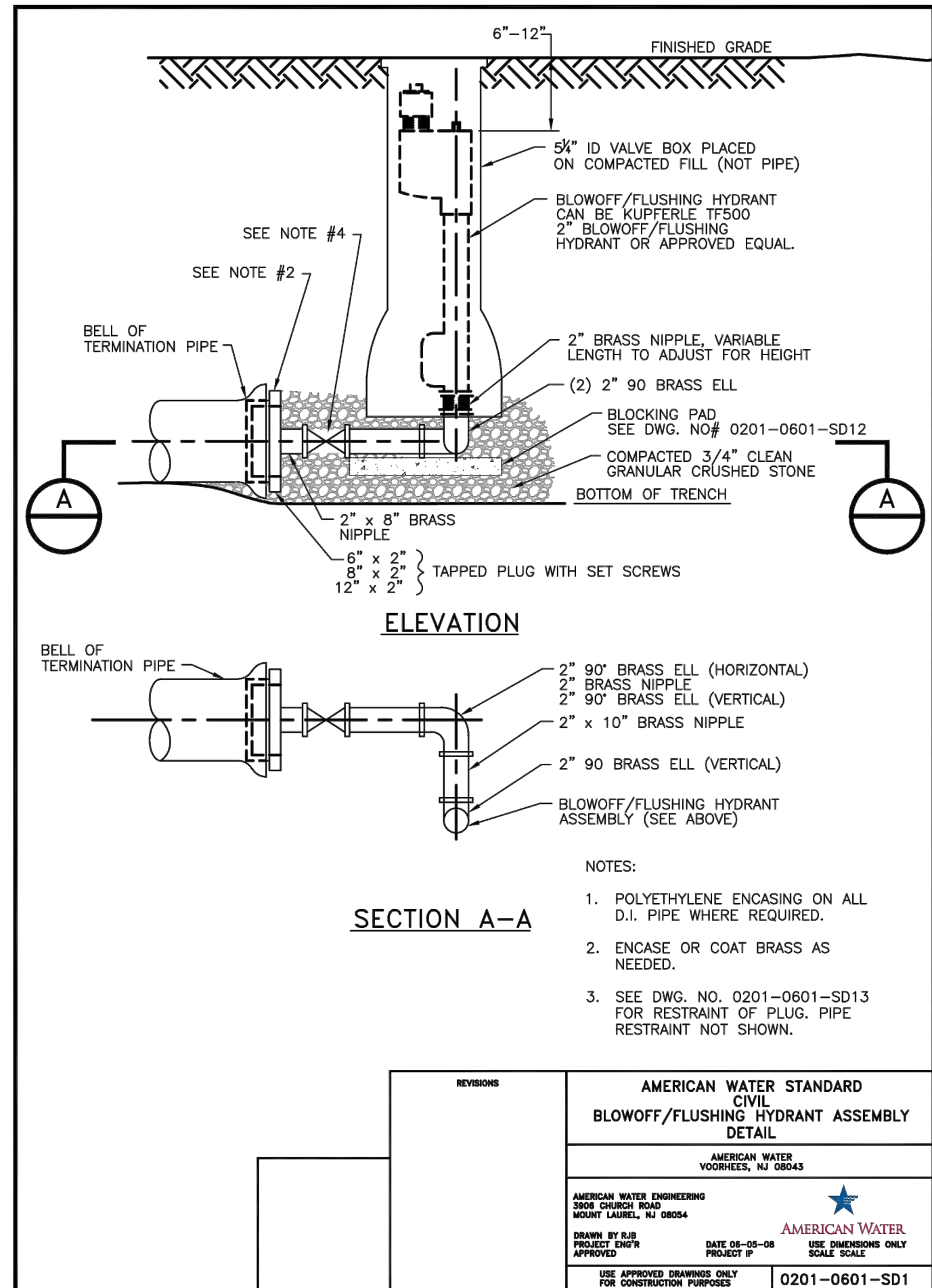
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Ex San MH
Rim = 748.23
8" Inv NW = 742.23
8" Inv NE = 742.08
8" Inv S = 740.93
10" Inv E = 740.83
10" Inv W = 742.03

NOTE:
CONTRACTOR TO INSTALL
THRUST BLOCKS AT ALL
BENDS. REFER TO DETAIL
ON THIS SHEET.

CONTRACTOR TO CONFIRM EXISTING
SANITARY SIZE AND INVERT. NOTIFY
ENGINEER IF CONFLICT OCCURS.
TAP EXISTING SANITARY LINE.
(PR) IE 6" E 740.19
(EX) IE 10" N/S 740.19+/-



UTILITY CROSSING

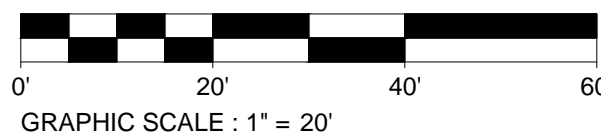
U.C.	BOTTOM OF 6" SANITARY LEAD	741.65 +/-
1	TOP OF 8" WATER MAIN	740.15 +/-
U.C.	BOTTOM OF 12" STORM PIPE	743.80 +/-
2	TOP OF 6" SANITARY SEWER	742.30 +/-
U.C.	BOTTOM OF 12" STORM PIPE	743.88 +/-
3	TOP OF 3/4" WATER LEAD	742.38 +/-
U.C.	BOTTOM OF 12" STORM PIPE	743.00 +/-
4	TOP OF 8" WATER MAIN	741.50 +/-

UTILITY CONTACTS:

(ELECTRIC)
DUKE ENERGY
2515 N. MORTON ST.
FRANKLIN, IN 46131
PH: 317-7412-2204
CONTACT: TROY BURTON

(WATER)
INDIANA AMERICAN WATER
555 EAST COUNT LINE ROAD,
SUITE 201
GREENWOOD, IN 46143
PH: 800-492-8373

(SANITARY)
CITY OF FRANKLIN (PUBLIC WORKS)
796 S STATE ST
FRANKLIN, IN 46131
PH: 888-736-3640



GENERAL UTILITY NOTES

1. REFER TO SITE PLAN FOR ADDITIONAL GENERAL NOTES.
2. PROTECT AND MAINTAIN CROSSINGS OF OTHER UTILITY LINES.
3. PROPER COORDINATION SHALL BE PERFORMED TO ENSURE THAT ALL GOVERNING AGENCY STANDARDS FOR MATERIALS AND CONSTRUCTION METHODS ARE MET.
4. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES, INCLUDING SERVICES PRIOR TO CONSTRUCTION. CONTACT THE STATE UTILITIES PROTECTION SERVICE @ 811 AT LEAST 48 HOURS BEFORE THE START OF THE WORK AND VERIFY ALL EXISTING UTILITY LOCATIONS.
5. ARRANGE FOR AND COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES FOR SERVICE INSTALLATIONS AND CONNECTIONS AND MAIN AND SERVICE RELOCATIONS. COORDINATE THE WORK TO BE PERFORMED BY THE VARIOUS GOVERNING AGENCIES AND SECURE ALL PERMITS AND PAY ALL FEES FOR CONNECTIONS, DISCONNECTIONS, RELOCATIONS, INSPECTIONS, AND DEMOLITION AS NECESSARY.
6. DO NOT INTERRUPT EXISTING UTILITIES SERVICING FACILITIES OCCUPIED AND USED BY THE OWNER OR OTHERS DURING OCCUPIED HOURS EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE OWNER, LOCAL MUNICIPALITY AND/OR UTILITY COMPANY. INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY OR PERMANENT SERVICE HAS BEEN PROVIDED.
7. INSTALL TEMPORARY SITE LIGHTING, GAS, SANITARY, WATER, STORM, ELECTRIC, TELEPHONE, AND CABLE SERVICES TO BUILDING(S) THAT REMAIN OPEN DURING CONSTRUCTION, AS NECESSARY.
8. PROVIDE SLEEVES UNDER FOOTINGS OR THROUGH FOUNDATIONS FOR UTILITY CONNECTIONS AS REQUIRED.
9. PROVIDE ALL BENDS, FITTINGS, ADAPTERS, ETC. AS REQUIRED FOR PIPE CONNECTIONS TO BUILDING/CANOPY STUB-OUTS.
10. ALL UTILITY CONSTRUCTION IS SUBJECT TO INSPECTION PRIOR TO APPROVAL FOR BACKFILL, IN ACCORDANCE WITH THE APPROPRIATE GOVERNING AGENCY.
11. CONTACT THE LOCAL COUNTY HEALTH DEPARTMENT AND FILE AND OBTAIN A PLUMBING PERMIT FOR THE WORK INDICATED HEREIN AND COMPLY WITH THE LOCAL COUNTY PLUMBING CODE.
12. IN THE EVENT OF CONFLICT OF ANY REQUIREMENTS OR PROVISIONS OF THE WORK INDICATED HEREON, THE SITE ENGINEER SHALL BE NOTIFIED FOR A DETERMINATION OF THE PLAN REQUIREMENTS AND INTENT THEREOF.
13. UTILITY CONNECTION DESIGN AS REFLECTED ON THE PLAN MAY CHANGE SUBJECT TO GOVERNING AGENCY REVIEW.
14. PIPE LENGTHS SHOWN ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
15. ALL EXISTING MANHOLES/CATCH BASINS ARE ASSUMED TO BE FOUR (4) FEET IN DIAMETER UNLESS OTHERWISE NOTED ON PLANS. CONTRACTOR TO FIELD VERIFY MANHOLE/CATCH BASIN SIZE AND ENSURE CONSTRUCTABILITY OF THE CONNECTIONS AS SHOWN ON THE PLANS PRIOR TO BEGINNING CONSTRUCTION.
16. TRENCHES SHOULD BE BACKFILLED AND THE PAVEMENT RESTORED IN SUCH A MANNER THAT ALLOWS TRAFFIC TO SAFELY TRAVEL ALONG AND/OR CROSS IT DURING NON-CONSTRUCTION HOURS. HOLES SHALL NOT BE ALLOWED DURING NON-CONSTRUCTION HOURS. KEEP THE TRENCH AREA IN A SAFE PASSABLE CONDITION AT ALL TIMES.
17. TEMPORARY PAVEMENT RESTORATION SHOULD CONSIST OF AT LEAST 3 INCHES OF COMPACTED BITUMINOUS COLD PATCH.
18. PERMANENT PAVEMENT RESTORATION SHALL BE COMPLETED IN A TIMELY MANNER.

SANITARY SEWER NOTES

1. DOWNSPOUT, FOOTER DRAINS OR OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.
2. TEST THE SANITARY SEWER FOR LEAKAGE IN ACCORDANCE WITH THE GOVERNING AGENCY'S REQUIREMENTS. THE INSPECTOR FOR THE MUNICIPALITY/UTILITY SHALL BE PRESENT DURING TESTING.

WATER NOTES

1. INSTALL WATER MAIN/LEAD WITH A MINIMUM OF FIVE (5) FEET OF COVER.
2. PROVIDE A MINIMUM OF EIGHTEEN (18) INCHES OF VERTICAL SEPARATION AND TEN (10) FEET OF HORIZONTAL SEPARATION BETWEEN THE WATER MAIN AND ALL SANITARY AND STORM SEWERS.

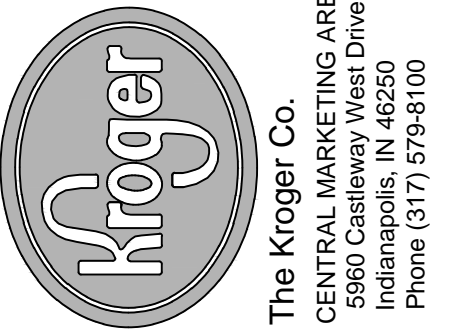
MATERIAL NOTES

ALL MATERIAL SHALL COMPLY WITH THE LOCAL MUNICIPALITY DESIGN & PROJECT SPECIFICATIONS.

WATER:
MAIN LINE SHALL BE ALL PVC PIPE 4" TO 12" INSTALLED SHALL BE DR 18 (235 PSI PRESSURE CLASS PER AWWA C900) WITH MECHANICAL JOINTS. MECHANICAL JOINTS ARE TO BE DUCTILE IRON FITTINGS CONNECTED TO PVC PIPE WITH MECHANICAL JOINT RESTRAINT DEVICES. CONCRETE THRUST BLOCKS SHALL BE INSTALLED AT ALL BENDS. REFER TO INDIANA AMERICAN WATER FOR SPECIFICATIONS AND REQUIREMENTS.

SERVICE LINE (WATER LEAD) SHALL BE HDPE SDR-11 (200 PSI) MINIMUM. REFER TO INDIANA AMERICAN WATER FOR SPECIFICATIONS AND REQUIREMENTS.

SANITARY SEWER:
PVC PIPE ASTM D3034 (SDR-35) PIPE JOINT ASTM D3212.

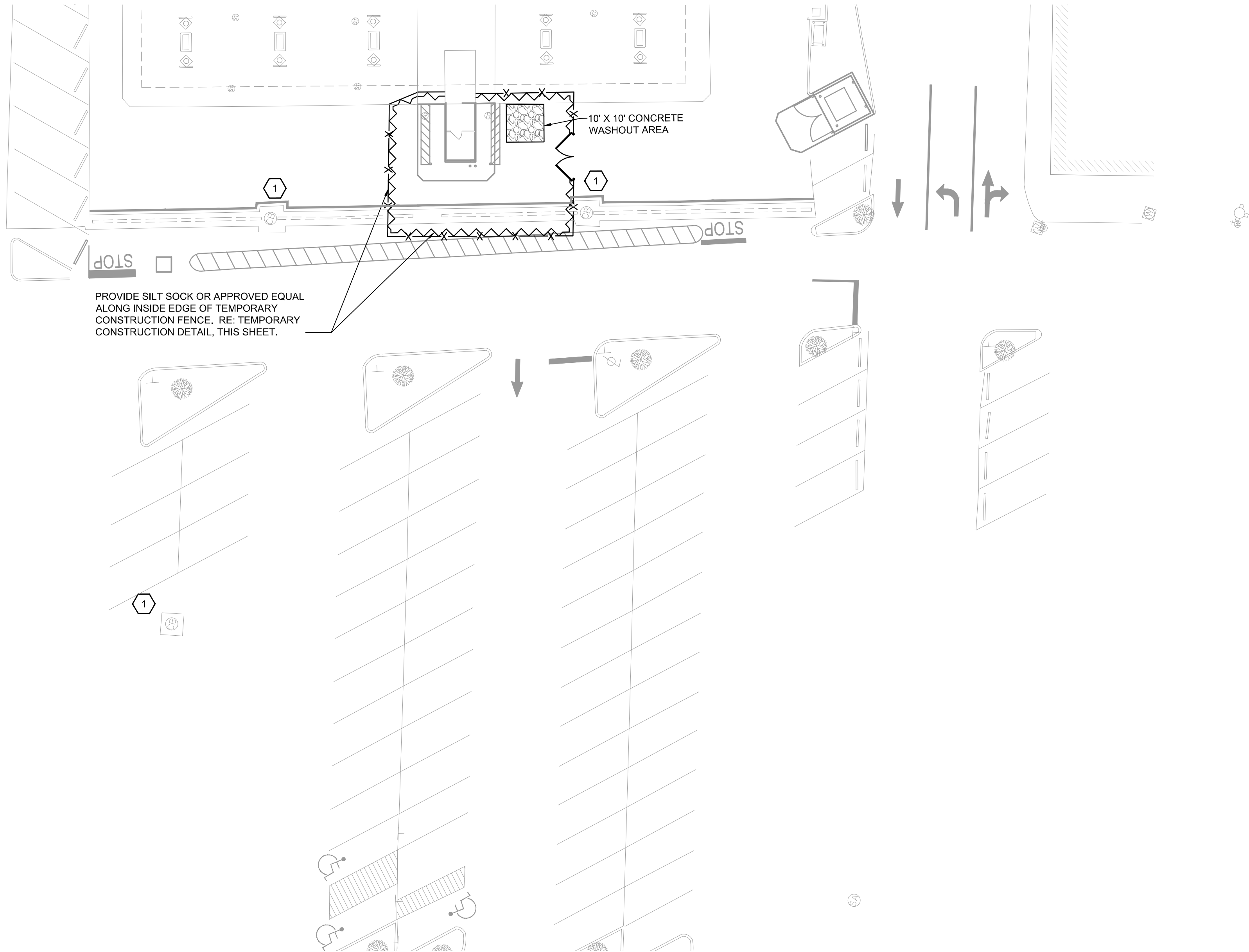


DATE		REVISIONS	
08-05-2016			
No.	DESCRIPTION	SITE PLAN APPROVAL	
		1	

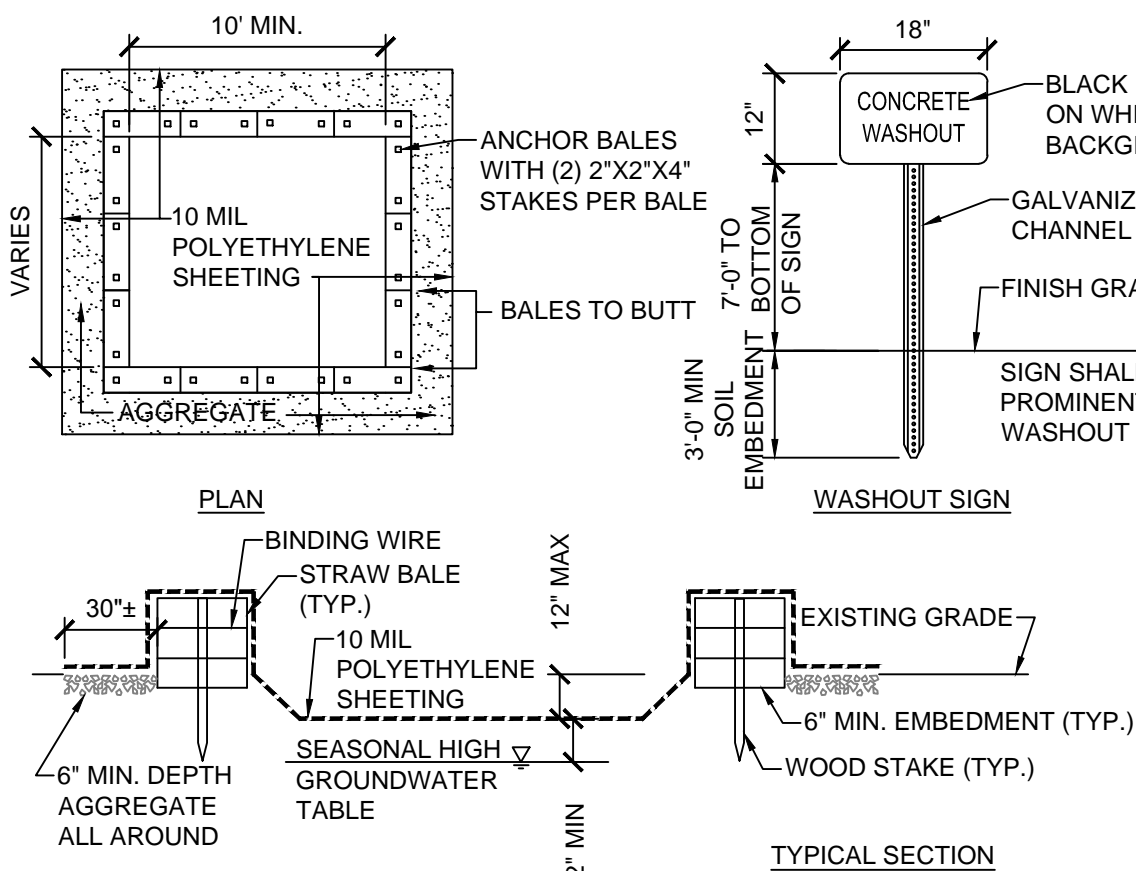
Project No.: 016-00622-00
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CONTRACTORS SHALL ALSO VISIT THE SITE BEFORE BIDDING. CONTRACTORS ARE REQUIRED TO KNOW ALL OBSERVABLE CONDITIONS AND APPLICABLE CODES.



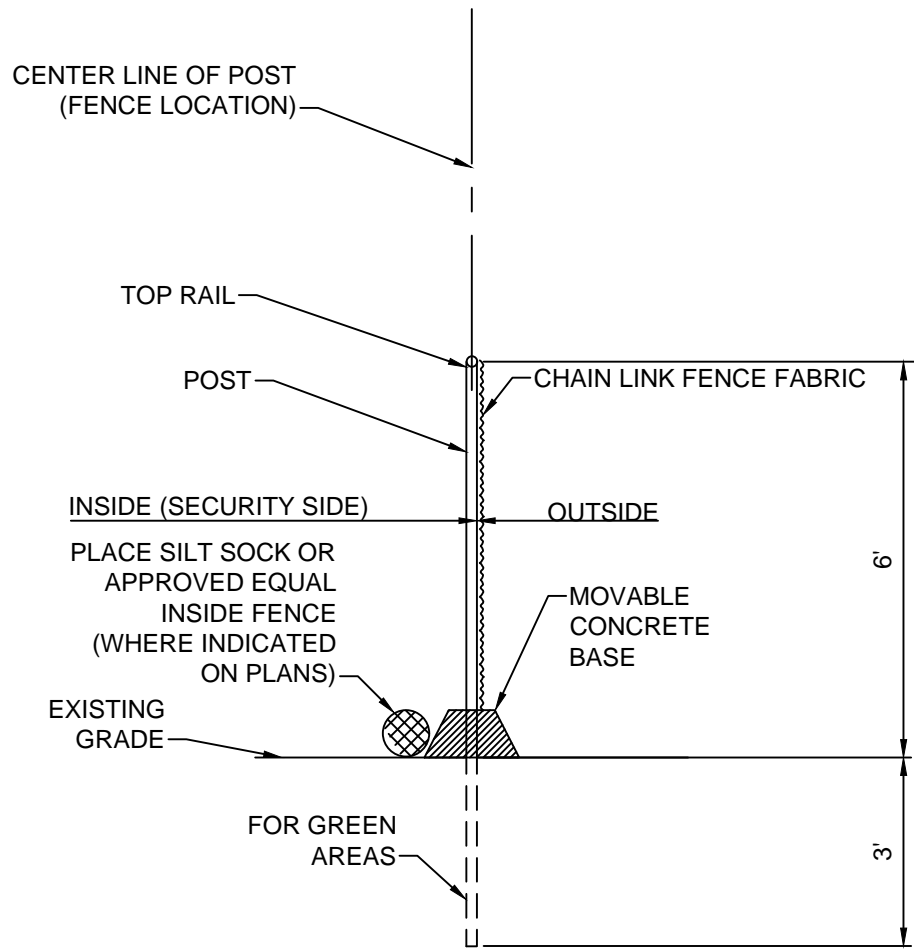
PROVIDE SILT SOCK OR APPROVED EQUAL ALONG INSIDE EDGE OF TEMPORARY CONSTRUCTION FENCE. RE: TEMPORARY CONSTRUCTION DETAIL, THIS SHEET.



- NOTES:**
1. CONTAINMENT MUST BE STRUCTURALLY SOUND AND LEAK FREE AND CONTAIN ALL LIQUID WASTES.
 2. CONTAINMENT DEVICES MUST BE OF SUFFICIENT QUANTITY OR VOLUME TO COMPLETELY CONTAIN THE LIQUID WASTES GENERATED.
 3. WASHOUT MUST BE CLEANED OR NEW FACILITIES CONSTRUCTED AND READY TO USE ONCE WASHOUT IS 75% FULL.
 4. WASHOUT AREA(S) SHALL BE INSTALLED IN A LOCATION EASILY ACCESSIBLE BY CONCRETE TRUCKS.
 5. ONE OR MORE AREAS MAY BE INSTALLED ON THE CONSTRUCTION SITE AND MAY BE RELOCATED AS CONSTRUCTION PROGRESSES.
 6. REMOVE ACCUMULATION OF SAND AND AGGREGATE AND DISPOSE OF PROPERLY AT LEAST WEEKLY.

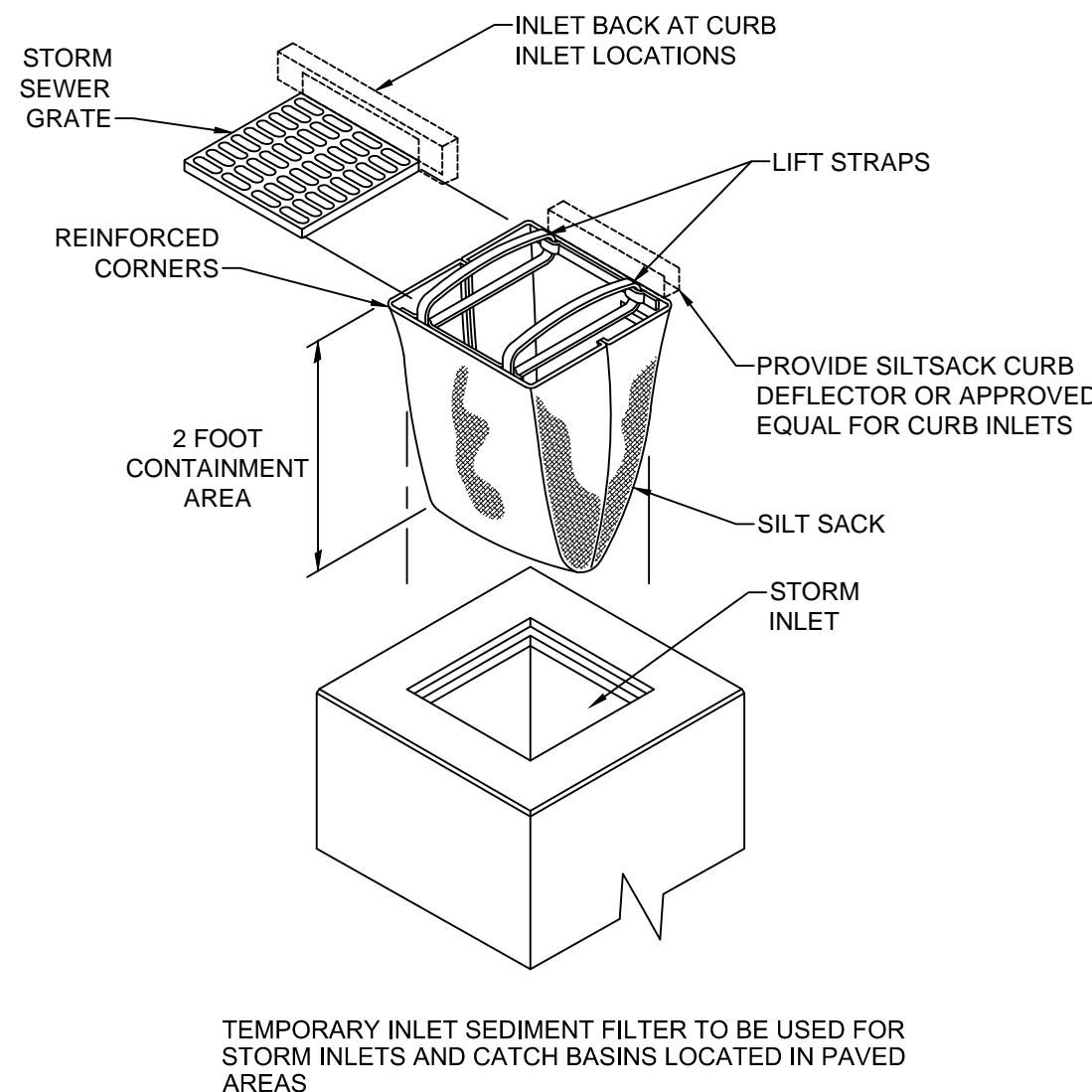
CONCRETE WASHOUT AREA

NO SCALE



TEMPORARY CONSTRUCTION FENCE

NO SCALE



INLET FILTER - SACK

SCALE: NTS

EROSION CONTROL NOTES:

1. BECOME COMPLETELY FAMILIAR WITH THE GEOTECHNICAL REPORT PRIOR TO BEGINNING ANY WORK.
2. MAINTAIN THE SWPPP AS SPECIFIED IN SECTION 31 25 00 OF THE PROJECT MANUAL.
3. CONSTRUCT AND MAINTAIN ALL SOIL EROSION CONTROL MEASURES IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS AND PROJECT DOCUMENTS.
4. CONSTRUCTION OPERATIONS SHALL BE SCHEDULED AND PERFORMED SO THAT PREVENTATIVE EROSION CONTROL MEASURES ARE IN PLACE PRIOR TO EXCAVATION AND TEMPORARY STABILIZATION MEASURES ARE IN PLACE IMMEDIATELY FOLLOWING BACKFILLING AND/OR GRADING OPERATIONS.
5. ANY EROSION AND SEDIMENT FROM WORK ON THIS SITE SHALL BE CONTAINED ON THE SITE AND NOT ALLOWED TO COLLECT IN ANY OFF-SITE AREAS OR IN WATERWAYS. WATERWAYS INCLUDE NATURAL AND MANMADE OPEN DITCHES, STREAMS, STORM DRAINS, LAKE AND PONDS.
6. KEEP NEIGHBORING STREETS CLEAN AND FREE OF MUD AND DEBRIS.
7. DIRECT ALL DEWATERING ACTIVITIES TO THE EXISTING STORM SYSTEM. PASS ALL WATER THROUGH A FILTER PRIOR TO OUTLETTING TO THE SYSTEM.
8. CONSTRUCT AND MAINTAIN INLET FILTER AT ALL CATCH BASINS AND INLET STRUCTURES THAT HAVE THE POTENTIAL TO RECEIVE SEDIMENT LADEN RUNOFF UNTIL PERMANENT MEASURES ARE IN PLACE.
9. ENSURE SOIL AND DEBRIS FROM THE SITE REMAINS ON SITE THROUGH THE USE OF CLEAN STONE EXITS. DIRECT ALL CONSTRUCTION TRAFFIC TO THESE EXITS.
10. PROVIDE, MAINTAIN, AND REMOVE A CONCRETE WASHOUT AREA WITH GUIDANCE FROM THE READY MIX WASHOUT GUIDEBOOK AND IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS. ALL MATERIAL CONTAINED WITHIN THE WASHOUT AREA SHALL BE DISPOSED OF PROPERLY.
11. CONTROL DUST AT ALL TIMES DURING CONSTRUCTION.
12. SPECIAL PRECAUTIONS SHALL BE TAKEN IN THE USE OF CONSTRUCTION EQUIPMENT TO PREVENT SITUATIONS THAT PROMOTE EROSION.
13. THE PROJECT SHALL CONTINUALLY BE INSPECTED FOR SOIL EROSION AND SEDIMENT CONTROL COMPLIANCE. DEFICIENCIES WILL BE CORRECTED WITHIN 24 HOURS.
14. CLEANUP SHALL BE DONE IN A MANNER TO ENSURE THAT EROSION CONTROL MEASURES ARE NOT DISTURBED.
15. FINAL SITE SOIL EROSION CONTROL STABILIZATION, SUCH AS SEED OR SOD, IS TO BE COMPLETED WITHIN FIVE (5) DAYS OF FINAL GRADING.
16. TEMPORARY EROSION CONTROL MEASURES SHALL BE COMPLETELY REMOVED BY THE CONTRACTOR UPON ESTABLISHMENT OF PERMANENT CONTROL MEASURES.

CONSTRUCTION SEQUENCE:

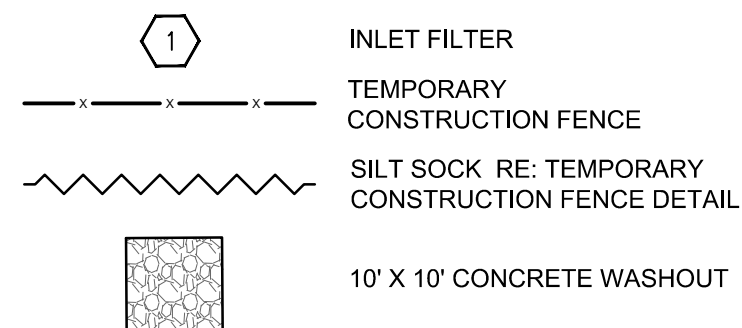
1. PROVIDE TEMPORARY BEST MANAGEMENT PRACTICES (BMPs) PRIOR TO ANY EARTH MOVING ACTIVITIES.
2. COMPLETE PAVEMENT AND ITEM REMOVAL.
3. ROUGH GRADE SITE AND CONSTRUCT STORM SYSTEM. INSTALL AND MAINTAIN INLET FILTERS ON STORM STRUCTURES.
4. COMPLETE NEW CONSTRUCTION AS INDICATED ON THE PLANS.
5. INSPECT AND PERFORM MAINTENANCE OF BMPs DURING THE ENTIRE CONSTRUCTION EFFORT.
6. REMOVE TEMPORARY BMPs AFTER SITE IS STABILIZED AND AS DIRECTED BY THE OWNER AND/OR INSPECTOR.

SWPPP MAINTENANCE SCHEDULE NOTES:

INSPECT THE SOIL EROSION AND SEDIMENT CONTROL DEVICES ONCE EACH WEEK AND WITHIN TWENTY-FOUR (24) HOURS OF A PRECIPITATION EVENT WHICH RESULTS IN A STORM WATER DISCHARGE FROM THE SITE. A LOG OF INSPECTION REPORTS SHALL BE MAINTAINED AND ACCESSIBLE IN ACCORDANCE WITH NPDES REQUIREMENTS. IMPLEMENT THE FOLLOWING STEPS IF ANY DAMAGE HAS RESULTED FROM CONSTRUCTION OR WEAR.

1. INSPECT INLET FILTERS FOR BUILD-UP OF SILT AND OTHER DEBRIS. EXCESSIVE BUILD-UP IS EVIDENT IF GEOTEXTILE IS CAUSING FLOODING. MAINTENANCE CONSISTS OF REMOVING ALL SEDIMENT WITH A STIFF BRISTLE BROOM OR SQUARE POINT SHOVEL. IF INLET FILTER IS BEYOND THIS LEVEL OF REPAIR, IT MAY BE NECESSARY TO REPLACE THE GEOTEXTILE FILTER FABRIC.
2. MAINTAIN DUST CONTROL AT ALL TIMES DURING CONSTRUCTION. SPRINKLING TANK TRUCKS SHALL BE AVAILABLE AT ALL TIMES AND USED ON HAUL ROADS, ON-SITE DISTURBED AREAS, OR OTHER PLACES WHERE DUST BECOMES A PROBLEM AS A RESULT OF CONSTRUCTION EFFORTS.
3. PROMPTLY REMOVE ALL MUD, DIRT AND DEBRIS TRACKED ONTO EXISTING ROADS FROM THIS SITE.

EROSION CONTROL LEGEND



SOIL EROSION / SEDIMENTATION CONTROL MAINTENANCE SCHEDULE												
CONSTRUCTION SEQUENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
INSTALL TEMPORARY BMPs										X		
TEMPORARY ENTRANCE										X		
SITE DEMO/SITE CONSTRUCTION										X	X	X
INLET FILTERS ON STRUCTURES											X	X
LANDSCAPING											X	X
FINAL GRADING											X	X
REMOVE TEMPORARY MEASURES											X	

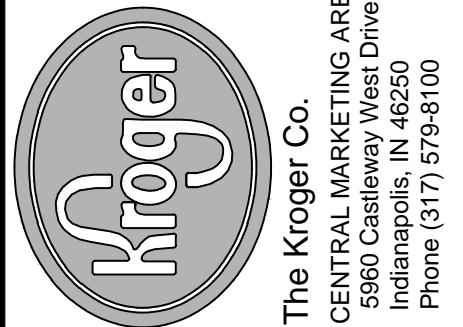
ANTICIPATED CONSTRUCTION START DATE: OCTOBER 1, 2016 X = INSPECT WEEKLY OR AFTER EACH RAIN EVENT
ANTICIPATED CONSTRUCTION END DATE: DECEMBER 13, 2016



Know what's below.
Call before you dig.

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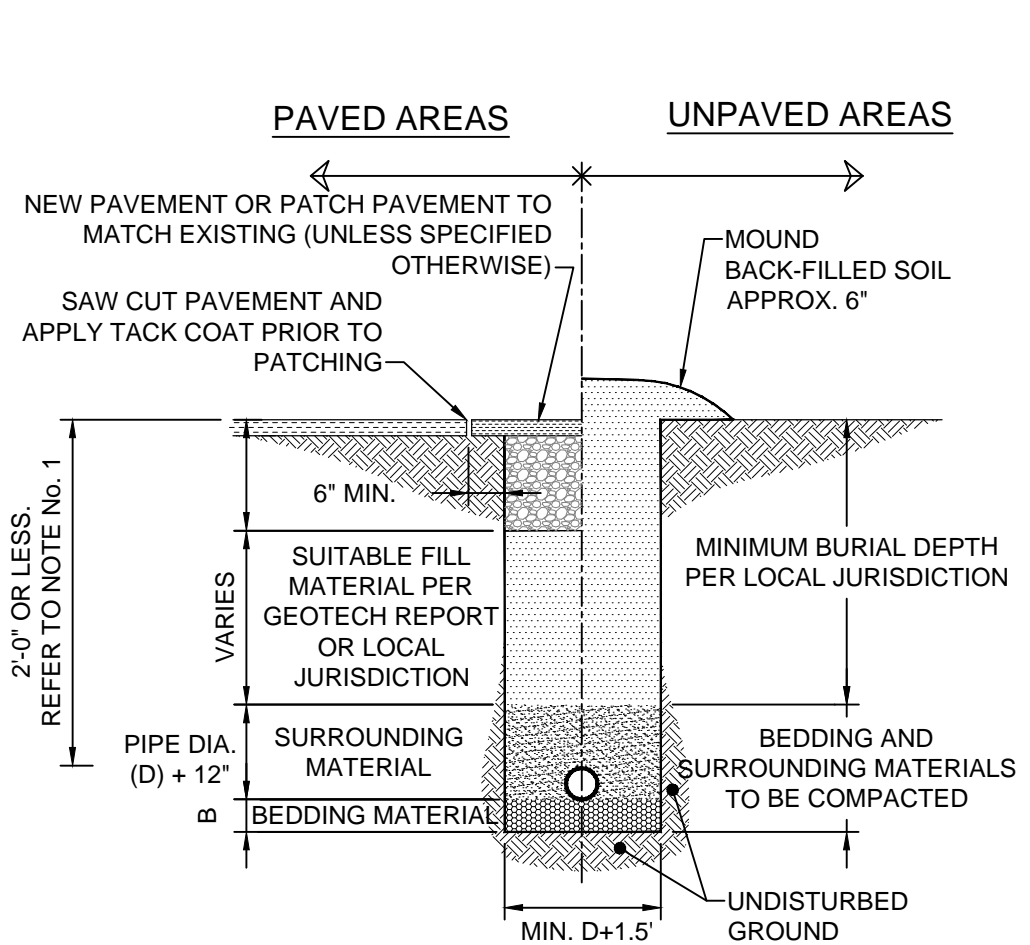
REVISIONS		DATE				
DESCRIPTION	No.	1				
SITE PLAN APPROVAL						

Project No.: 016-00622-00
Project Manager: ALFIERI
Designed By: TEMEROWSKI
Drawn By: SEXTON
Checked By: HARTMAN
Store No.: J-956
Address: 1700 NORTHWOOD PLAZA
FRANKLIN, IN 46131

SWPPP

Drawing No.:

C1.4



RECOMMENDED FILL MATERIALS			
TYPE OF PIPE	SURROUNDING MATERIAL TYPE	B-DIMENSION	BEDDING MATERIAL TYPE
DUCTILE IRON PIPE	"A", "B", OR "C"	3'	SAND OR "C"
RCP PIPE	"B" OR "C"	3'	SAND OR "C"
ALL PIPE OVER BEDROCK OR LEDGE	"B" OR "C"	6"	SAND OR "C"
RCP PIPE IN CLAY	"B" OR "C"	6"	SAND
PLASTIC-ALL	"C"	6"	SAND OR "C"

"RECOMMENDED FILL MATERIALS" ARE MINIMUM REQUIREMENTS. CONTRACTOR SHALL ENSURE COMPLIANCE WITH LOCAL JURISDICTION AND/OR THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.

MATERIAL TYPES:

"A": GRAVEL OR EXCAVATED MATERIAL WHICH HAS NO STONES GREATER THAN 1.5" DIAMETER.

"B": STONE WITH 100% PASSING 1.5" SQUARE SIEVE, A MAXIMUM OF 25% PASSING A 3/4" SQUARE SIEVE AND A MAXIMUM 5% PASSING A 1/2" SQUARE SIEVE, PEA GRAVEL, BANK RUN, OR RUN OF BANK.

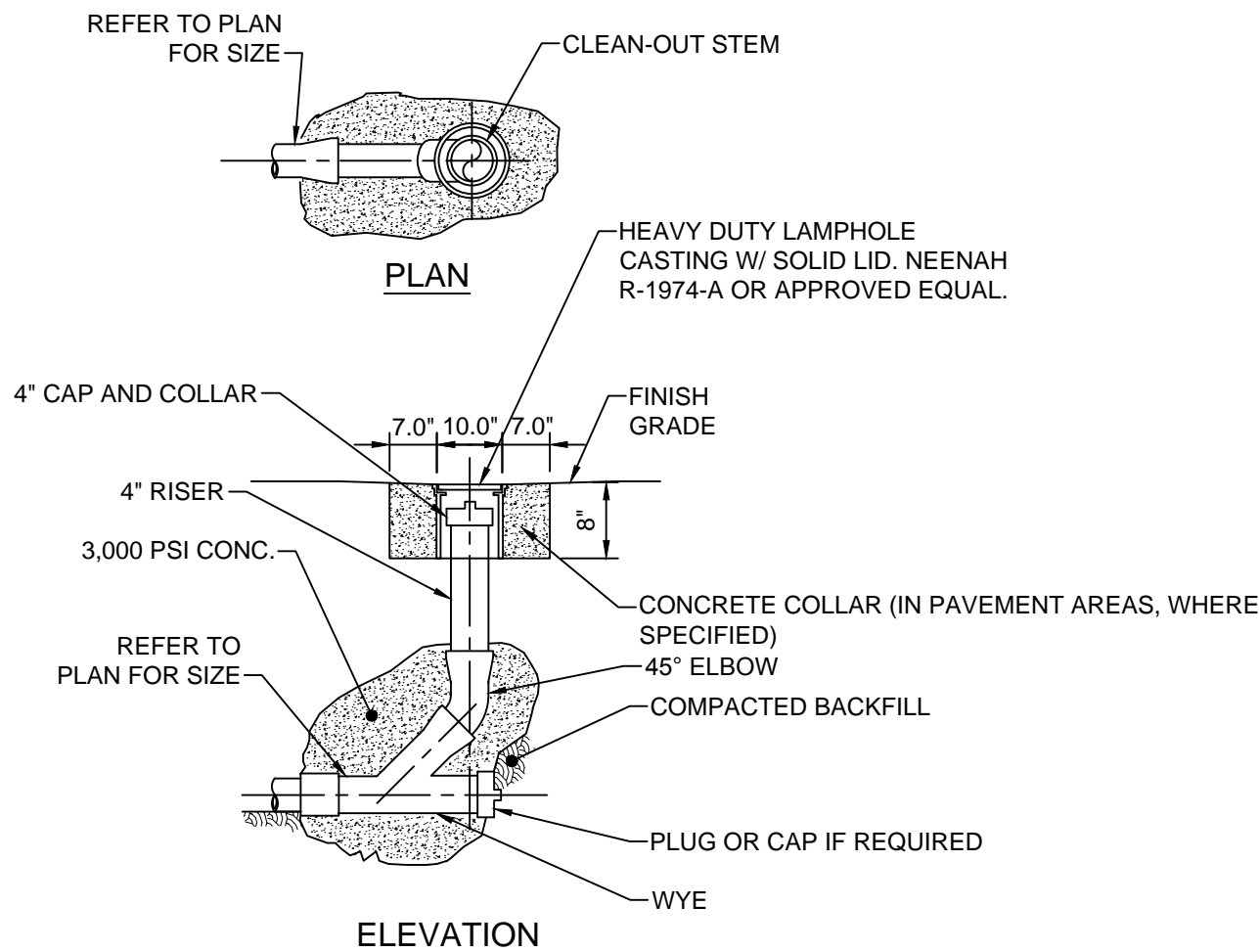
"C": CRUSHED STONE WITH 100% PASSING A 1" SQUARE SIEVE AND 0-5% PASSING A 1/4" SQUARE SIEVE, PEA GRAVEL, OR OTHER NATURAL FREE DRAINING STONE MATERIAL WITH LESS THAN 10% P200 (PASSING NO. 200 SIEVE).

NOTES:

1. THE SURROUNDING MATERIAL MUST BE INSTALLED TO THE PAVEMENT BASE ELEVATION IF THERE IS LESS THAN 2'-0" OF FILL OVER THE PIPE.
2. COMPACT ALL BACK FILL UNDERNEATH, AROUND AND ABOVE PROPOSE PIPES TO 95% STANDARD PROCTOR IN PAVED AND STRUCTURAL AREAS, 90% STANDARD PROCTOR IN UNPAVED OR NON-STRUCTURAL AREAS. THE UPPER 12" OF TRENCH BACKFILL MATERIAL IN PAVED/STRUCTURAL AREAS MUST BE COMPACTED TO 98% STANDARD PROCTOR (ASTM-698).
3. WHERE A PIPE HAS A SLOPE GREATER THAN OR EQUAL TO 4% OR WHERE GROUNDWATER IS PRESENT, CLAY DAMS SHALL BE INSTALLED AROUND THE PIPE EVERY 100' TO PREVENT WASHOUT AROUND THE PIPE.
4. ALL SUITABLE FILL SHOULD NOT CONTAIN STONES GREATER THAN 4" IN DIAMETER, FROZEN LUMPS, AND SHALL CONTAIN A MINIMAL AMOUNT OF ORGANIC MATERIALS (LESS THAN 3%).
5. MATERIAL IS TO BE PLACED AT NO MORE THAN 8" INTERVALS AND COMPACTED BEFORE PLACING NEXT LAYER.

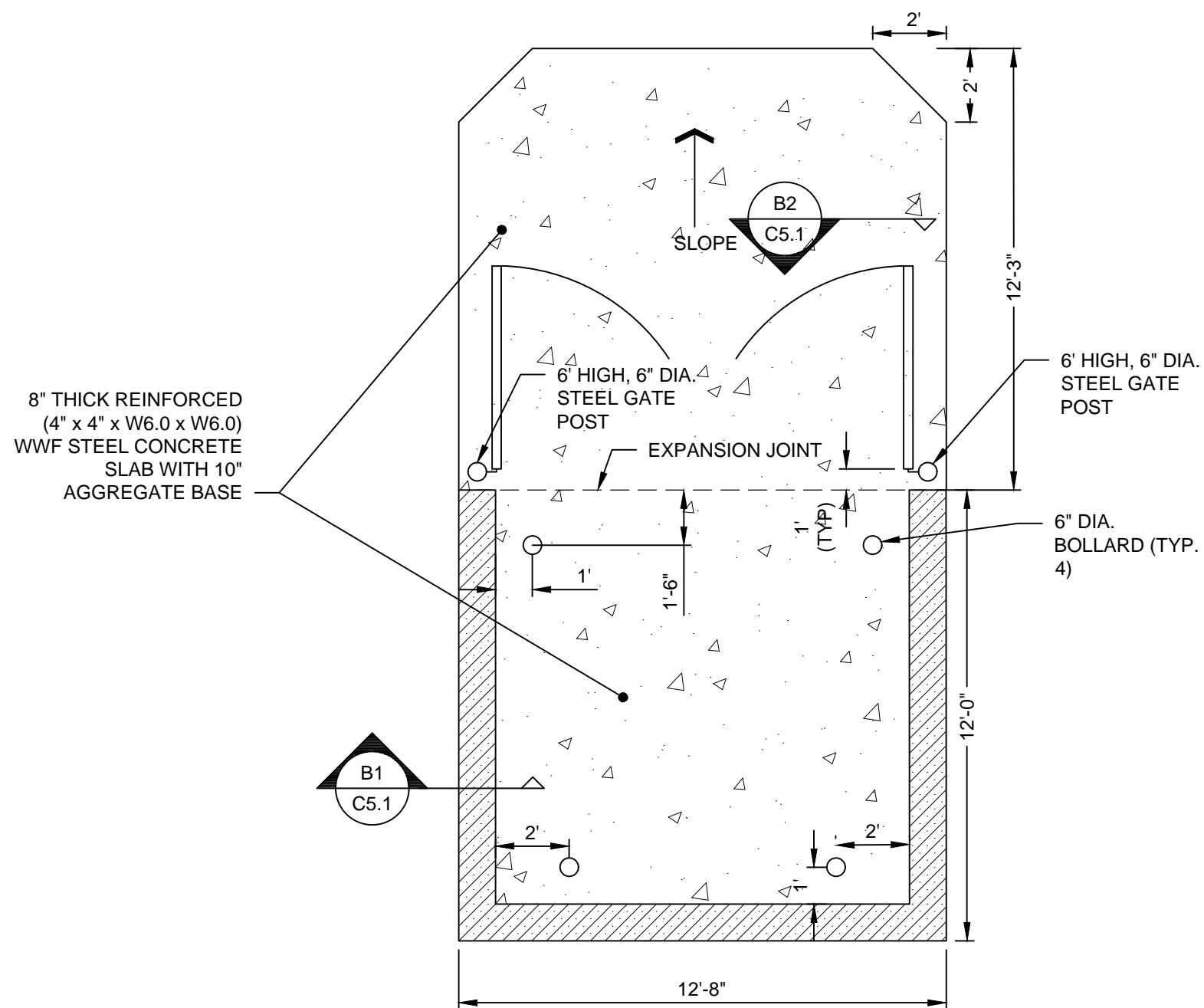
TRENCH DETAIL

SCALE: NTS



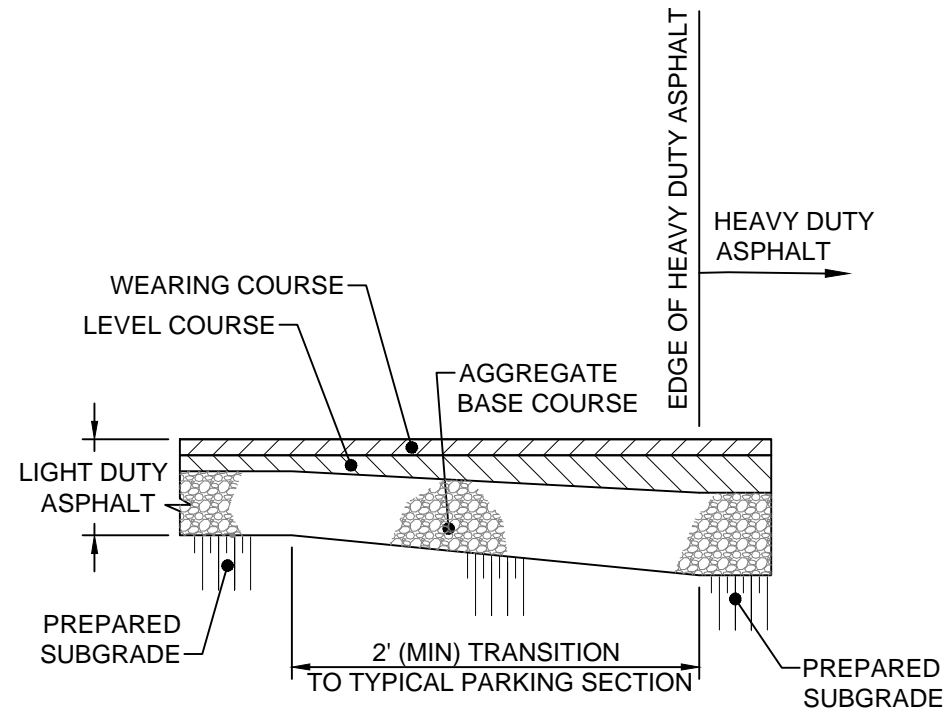
CLEANOUT DETAIL

SCALE: NTS



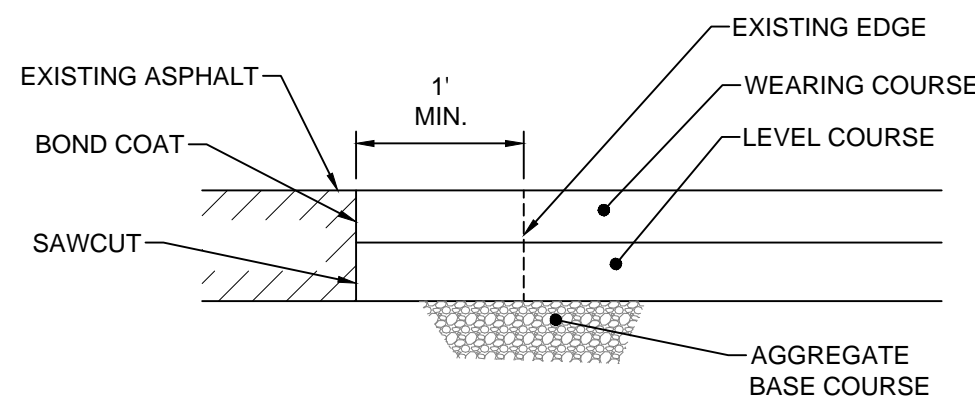
B DUMPSTER ENCLOSURE DETAIL

SCALE: NTS



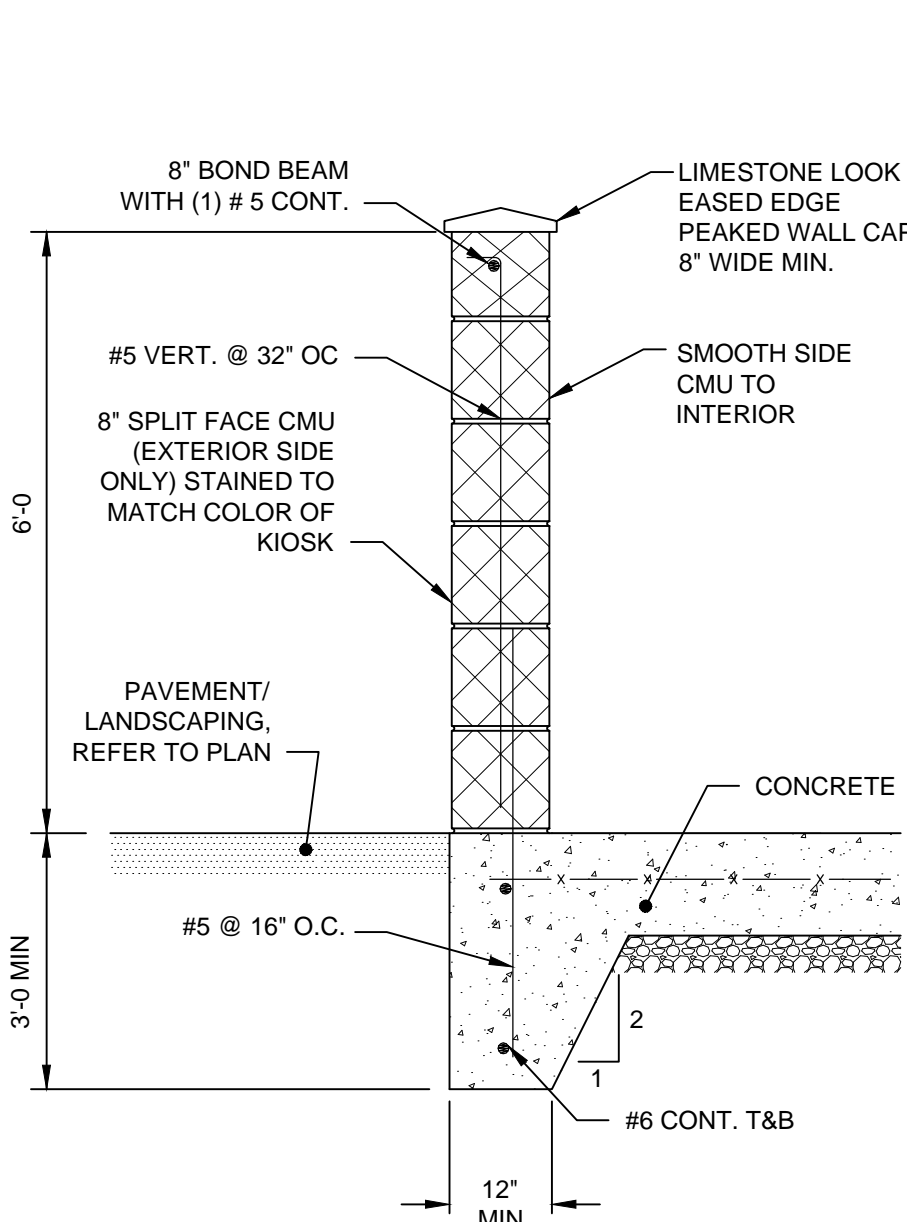
TYPICAL PAVEMENT TRANSITION

SCALE: NTS



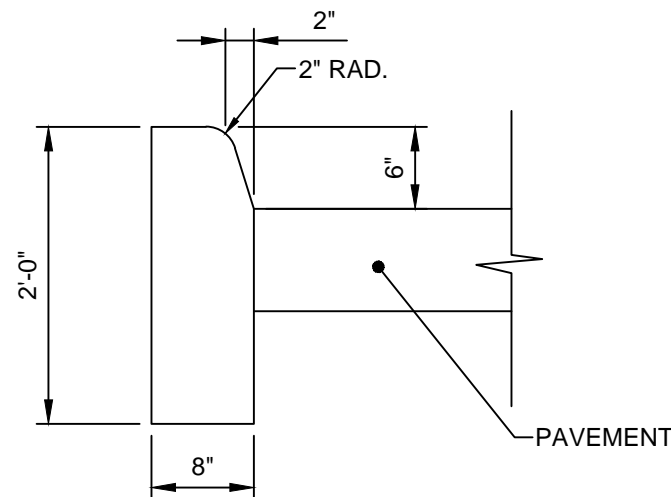
TYPICAL BUTT JOINT TO EXISTING PAVEMENT

SCALE: NTS



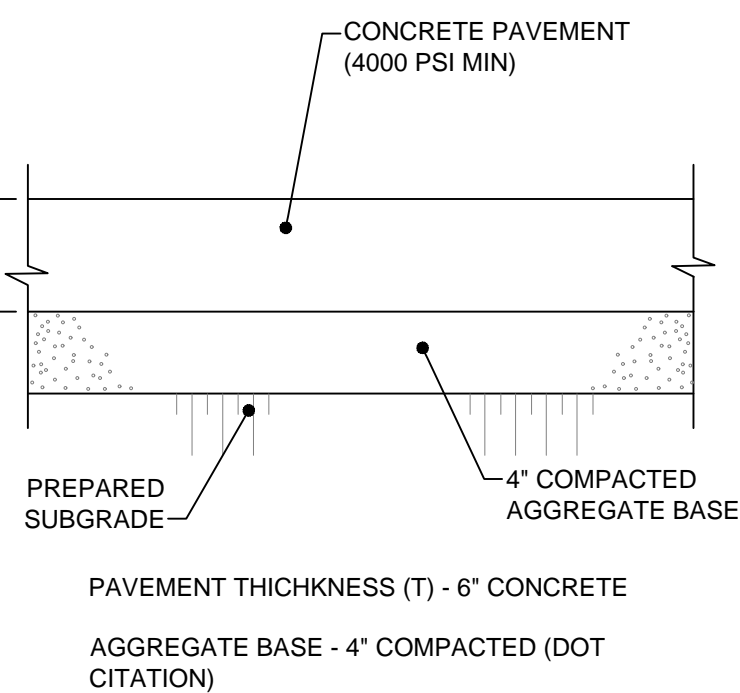
B1 MASONRY WALL DETAIL

SCALE: NTS



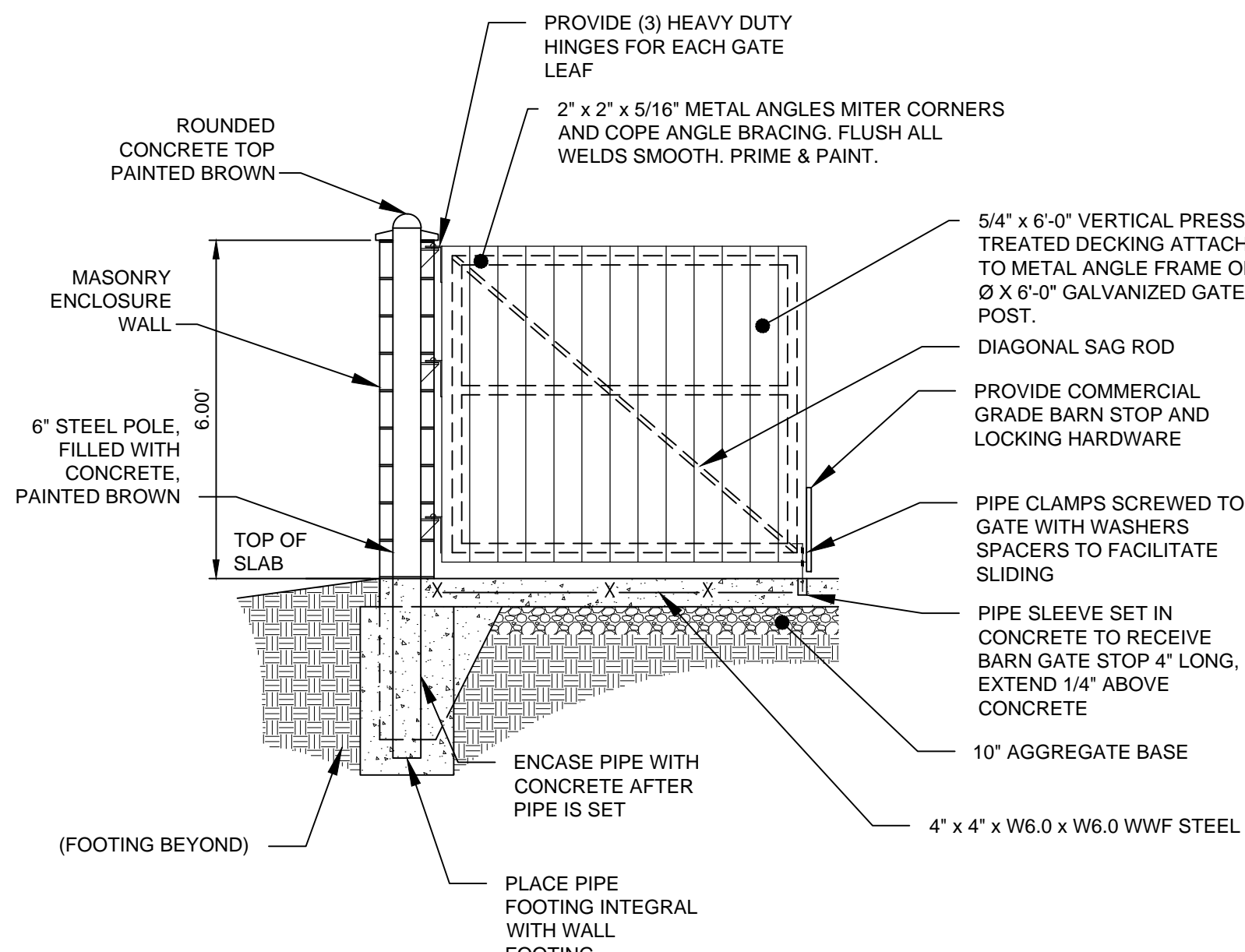
CONCRETE STRAIGHT CURB DETAIL (MATCH EXISTING)

SCALE: NTS



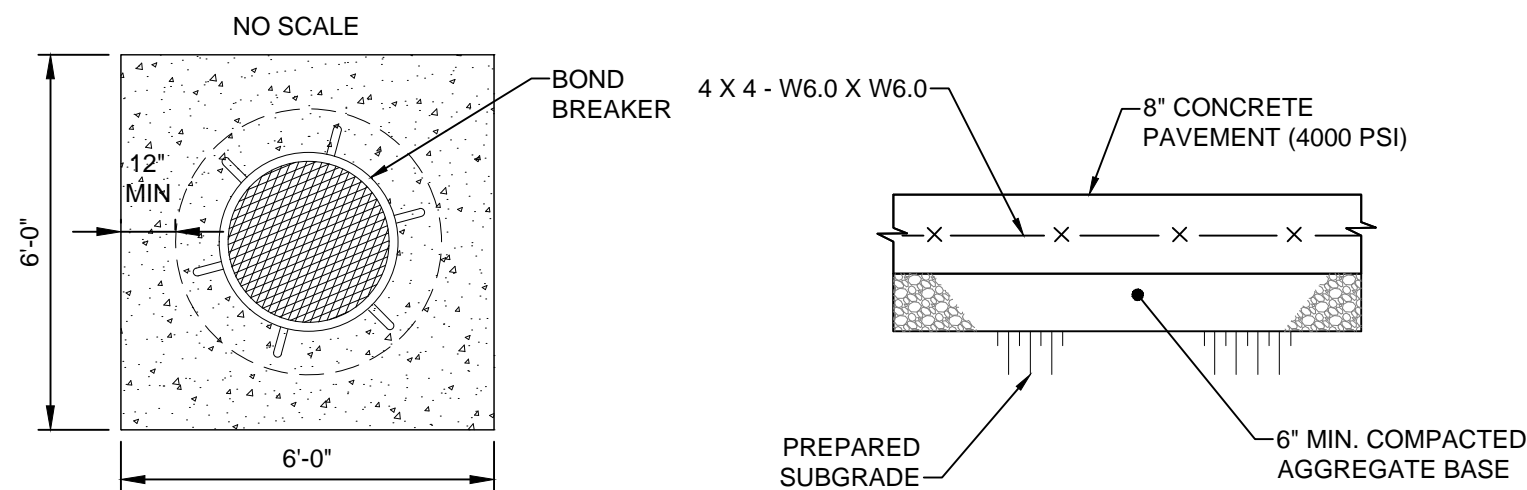
C 6" THICK CONCRETE PAVEMENT DETAIL

SCALE: NTS



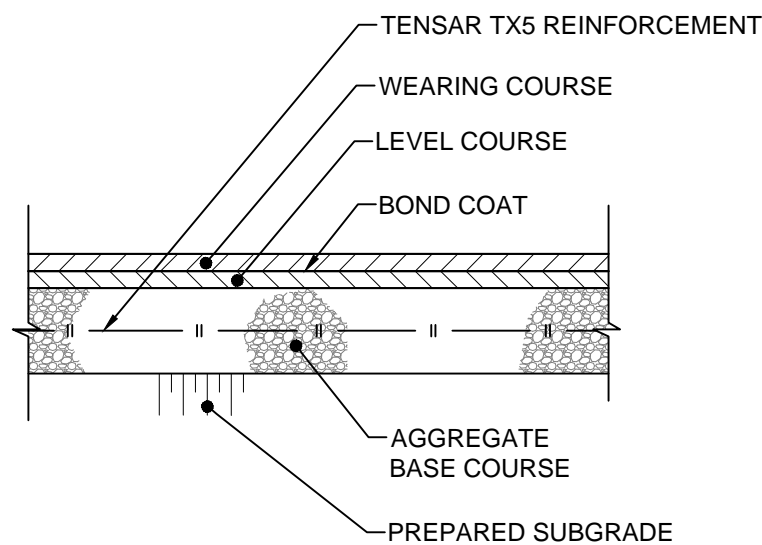
B2 DUMPSTER ENCLOSURE GATE DETAIL

SCALE: NTS



D CONCRETE STRUCTURE APRONS

SCALE: NTS



TYPICAL HEAVY DUTY ASPHALT PAVEMENT SECTION

WEARING COURSE - 1.5" BITUMINOUS
LEVEL COURSE - 3.5" BITUMINOUS
AGGREGATE BASE - 9" COMPACTED

TYPICAL LIGHT DUTY ASPHALT PAVEMENT SECTION

WEARING COURSE - 1.5" BITUMINOUS
LEVEL COURSE - 2" BITUMINOUS
AGGREGATE BASE - 6" COMPACTED

NOTES:

1. GRAVEL BASE MATERIALS AND INSTALLATION PROCEDURES SHALL CONFORM TO INDOT SPECIFICATIONS.
2. ALL PAVING MATERIALS AND INSTALLATION PROCEDURES SHALL CONFORM TO INDOT SPECIFICATIONS.

A ASPHALT PAVEMENT DETAIL

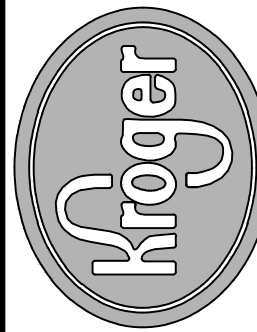
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SSoe

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TOLEDO, OHIO 43604
419.255.3830



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CENTRAL MARKETING AREA
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Indianapolis, IN 46250
Phone (317) 519-5100



REVISIONS

No.	DESCRIPTION	DATE	
		DATE	DESCRIPTION
1	SITE PLAN APPROVAL	08-05-2016	

Project No.: 016-00622-00
Project Manager: ALFIERI
Designed By: TEMEROWSKI
Drawn By: SEXTON
Checked By: HARTMAN
Store No.: J-956

Address: 1700 NORTHWOOD PLAZA
FRANKLIN, IN 46131

SITE SPECIFIC DETAILS

Drawing No.:

C5.1